



UPS Battery Back Up Systems

For most, the information stored on your personal computer is priceless. Family photos, videos, music collections and personal files stored on the computer are more valuable to the user than the equipment itself. Although power outages are uncommon, if important data is not saved, it can be lost during an outage and difficult to replace.

A UPS (uninterruptible power supply) system is a must have accessory for all computers. A UPS battery back up system is a device that provides back up battery power to any connected equipment during power interruptions. Some systems also offer surge protection in addition to battery back up. UPS systems automatically turn on when there is a power disturbance or outage. They also allow users to safely shut down their computer when the main power source has been interrupted.

UPS systems can vary based on the power capacity and the battery run time. The power capacity refers to the amount of equipment the UPS system can accommodate. It is important that the UPS back up system be correctly sized for the equipment that will be plugged into the system. To determine the correct size UPS system for your needs, contact your local electronics retailer and they will be able to assist in selecting a proper UPS system. Run time refers to the amount of time the UPS system can act as the battery back up. The more equipment that is plugged into the UPS system, the shorter the run time becomes.

UPS systems and surge protectors perform different functions during a power outage. Surge protectors are commonly used to protect equipment from damage during a power outage. Unlike a UPS battery back up system, surge protectors do not supply

a power source to attached equipment. Any equipment plugged into a surge protector will not continue to operate during a power outage. A UPS system will allow equipment to continue to operate if power is interrupted.

It is possible to utilize UPS systems as battery back up for an array of equipment including:

- Lamps
- Portable phone stands
- Computers
- Televisions
- Stereos
- Aquariums
- Fax machines
- Cash Registers
- Phone systems with up to 30 outside lines

It is possible to operate larger household appliances and equipment such as refrigerators and HVAC systems on a UPS battery back up system. However, because this type of equipment requires more power a larger and more expensive UPS system is required. This is not usually a practical application of a UPS system in a residential setting.

Rocky Mount Public Utilities strives to provide customers with safe, efficient, and reliable power. While power outages are few and far between, interruptions in power can occur due to several factors. High winds, ice, tree limbs on the line, small animals or severe weather are the most common causes of power outages. It is important to be sure that valuable information and equipment are protected from occasional power disturbances. UPS systems provide the comfort of knowing that your equipment is safe.

BEAT THE PEAK

"Peak" or "Peak Demand" is the greatest amount of electricity used at one time by an electric system.

This occurs when a large number of customers are using appliances and HVAC at the same time.

By controlling the electric load or load management, we can keep electric costs in control. Rocky Mount averages less than 10 days per month load managing.

There are several options available:

Electric Water Heater Control

Water heaters are cycled off during load management periods.

Controlling water heaters will not affect the amount of hot water available.

Customers receive **\$2.00 credit** each month.

Electric Heat Strip Control

Heat strips, known as auxiliary heat, are controlled during the winter load management periods, while heat pump compressors continue to operate and provide heat.

Customers receive **\$15.00 credit** each month if the temperature falls to 25 degrees or below on a non-holiday weekday.

Central Air Conditioning Total Control

Customers receive **\$20.00 credit** each month for all three months during the summer season. The air conditioner's compressor is automatically turned off for the load management period. During summer months the peak usually occurs between 2 p.m. through 6 p.m. Fans will continue to circulate the cool air in your house, but the compressor will not generate any new cool air.

There are **no installation or maintenance charges** associated with this program.

Call 972-1284 for more information.



UPDATE CUSTOMER INFORMATION

Current customer information is critical to fast response time during power outages. Safely restoring power to customers is always the priority of Rocky Mount Public Utilities.



Please contact the Customer Service Department at **(252)972-1250** to update customer contact information.

NC One Call Center

With warmer weather quickly approaching, outdoor projects will soon begin. Most people don't think twice about digging in their yards, but in many areas utilities are buried underground. By contacting the NC One Call Center, customers can have these potential hazards located and accurately identified. The following is a list of utilities that can be buried underground:

- Electric
- Natural gas
- Telephone
- Cable
- Internet
- Water
- Sewer



**Know what's below.
Call before you dig.**

Customers can call **811** from anywhere in the United States to be connected directly to the local One Call Center for line identification.

Remember to call **811** before you dig to avoid potential injury and costly fines! For more information on the One Call program, please visit **www.ncocc.org**.